Development of anti-HMGB1 antibody drug

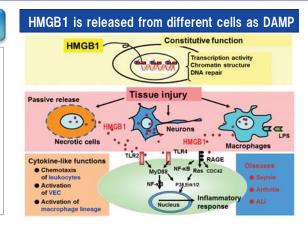
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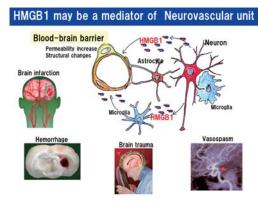


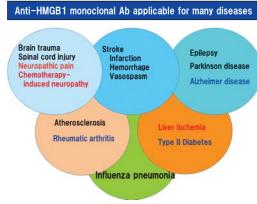
High mobility group box-1 (HMGB1) plays an important role in many kinds of inflammatory diseases. Anti-HMGB1 monoclonal antibody therapy has been demonstrated to be beneficial for the treatment of brain injuries induced by ischemia, hemorrhage and trauma. Moreover, anti-HMGB1 suppressed epileptogenesis and neuropathic pain.

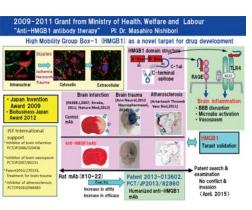
We developed humanized monoclonal antibody that neutralizes the activity of HMGB1. This antibody will be applicable for many kinds of diseased listed above.

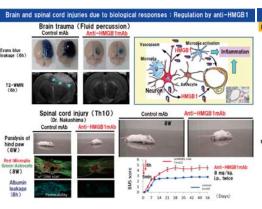


Released HMGB1 induces BBB disruption. Ischemia Hemorrhag Giutamare Hemorrhag Hypoxia Pericyte Engothelial BBB BBB BBB BBB Brain edema

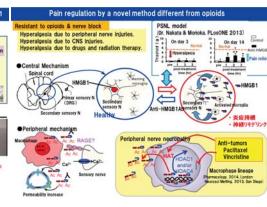


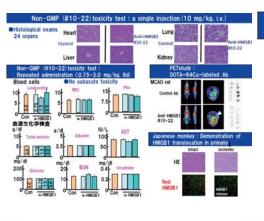


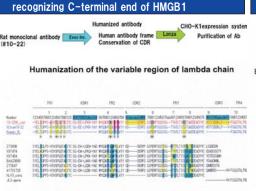




Development of original humanized antibody







EV007156 binds all types of HMGB1

(OKY-001)